

# The Tech

Vol. XXV. No. 84.

BOSTON, MASS., MONDAY, MAY 14, 1906

PRICE THREE CENTS.

## LAST KOMMERS OF YEAR.

Mr. John Z. White Speaks on "The Single Tax" at the Union.

The last Kommers of the year was addressed by Mr. John Z. White of Chicago on the subject of "The Single Tax." In explanation of the object of "The Single Tax" Mr. White stated that it purposed to put a tax on the legal advantages that were derived from the ownership of land and remove the tax on personal property which is under the present system of taxation very inefficient. There is a choice of two things to tax: wages or ground rent and by the choice is determined the character of the civilization. A tax on ground rent alone would tax the advantages which were conferred upon the owner of the land and which make it possible to levy tribute upon industry and accumulate such immense sums of money as are commonly heard of today, as being the fortune of our men.

Mr. Rand was called on and in speaking of the Tech Union he said that no part of his work had been more enjoyable to him than his connection with the management of the Tech Union.

## M. I. T. A. A. MEETS.

There was a meeting of the M. I. T. A. A. in Huntington Hall last Friday before the mass meeting to elect an assistant manager for the track team and a representative to the N. E. I. A. A. H. W. Hoole '08 and J. T. Tobin '08 were nominated for the assistant-managership the latter being elected by one vote. L. Allen '07 was the only man nominated for the N. E. I. A. A. representative. The attendance was rather small.

## BRITISHERS ELECT OFFICERS.

At a meeting of the British Empire Association held on Friday, May 11, at 1 P.M., in 16 Rogers, J. K. Heydon was elected to membership in the club, and the following men were elected officers for next year: Chairman, M. E. Denny, '08; vice-chairman, B. L. Gimson, '08; executive committee, E. E. Wells, S. M. Udale, '06, and E. M. Bettington.

## GOES ON EXPEDITION.

Professor D. W. Johnson of the Geology Department is to lead an extended geological expedition into the Rocky Mountain region, which will be absent all summer while its members are studying the formations of the country. Other members of the party will be Dr. H. W. Shimer of the Institute and C. H. Decker, M. E., of Poland, Arizona.

The party will start from a point near Prescott, Arizona, with wagons, horses and camp outfit, and will travel northward to the San Francisco Mountains, spend several days

(Continued on page 5.)

## WILLIAMS WINS CLOSE MEET.

By Taking All Places in Last Event Williams' Athletes Overcome Tech's Lead.

By taking all three places in the last event of the meet, Williams won the first dual meet it has had with Technology, 66 2-3 points to 59 1-3. As THE TECH predicted last week it was nip and tuck from beginning to end. At no time, except at the very beginning, did either team have enough advantage to be confident of victory.

Before the last event, the final heat of the 220-yard hurdles, was run off, the score stood Tech 59 1-3, Williams, 57 2-3 sec. First place in the event meant victory and Eaton was handicapped by having three good men against him. He started out with grit though and at the



CAPT. KNAPP, TECH.

third hurdle was ahead. Unfortunately, he stumbled in going over, and before he could recover himself his competitors had passed him. He was unable to make up his loss and Williams won the meet.

The mile run was a pretty race between Buckingham and Allen, the former winning. In spite of the strong wind blowing the fast time of 4 minutes and 44 3-5 seconds was made, and no doubt Buckingham would have broken the Tech record if there had been no wind.

The quarter-mile dash was the prettiest event of the afternoon. Hurlbut took the lead at the start and led a fast pace for the first 220 yards with Howe at his heels. The other men were strung out with Gould fourth and Blackburn last. On the turn into the stretch, both men moved up and ran their competitors off of their feet, Blackburn beating Gould out for second place. Howe won first place.

Horrax won the pole vault by a clear jump of 10 feet 6 inches, Farrington and Orr making 10 feet. Horrax did excellent work considering that he had already competed in three events.

The first place in the shot put went to Marshall of Williams, with a throw of 39 feet 8 inches. Pol-

bemus and Harvey, both of Tech, captured the other two places and thus gained four points in an event in which Tech's success had been considered doubtful.

First two places in the 100-yard dash were won by Technology with Williams in third place. In the first preliminary heat Richards of Tech walked away from Cowperthwaite



CAPT. GRISWOLD, WILLIAMS.

of Williams, finishing a yard ahead. Williams and Todd, both of Tech, took the places in the second preliminary heat. In the final heat Richards captured first place with Williams and Cowperthwaite close second and third respectively.

The 120-yard hurdles was easily Williams' event with both first and second places to their credit. Griswold of Williams easily captured the first preliminary heat and first place in the final heat. Horrax of Williams won the second preliminary heat and second place in the final, while Eaton was the only Tech man taking a place in this event.

Fisher of Tech and Ayres of Williams kept up a pretty fight in the 880-yard run, leading all the way, except on the sprint, when Wilson of Tech passed them. Gimson tried to get second but Ayres beat him out.

As was expected, Captain Knapp

(Continued on page 2.)

## CALENDAR.

MONDAY, MAY 14.

4.00 P.M. Baseball, 1908 vs. 1909, at Tech Field.

4.15 P.M. Tech Board Meeting in Trophy Room, Rogers.

TUESDAY, MAY 15.

5.00 P.M. Technique '08 Meeting in Trophy Room, Rogers.

WEDNESDAY, MAY 16.

4.00 P.M. Baseball, 1908 vs. 1909, at Tech Field.

## FACULTY NOTICE.

**Descriptive Geometry.**—There will be review lectures in first year Descriptive Geometry by Mr. Burrisson in Huntington Hall every afternoon this week from four to five o'clock. Any students taking this subject may attend.

**Military Science.**—The following should report to Major Wheeler in 37 Rogers as soon as possible to sign records: H. L. Carter, W. F. Dolke, A. W. Heath, C. L. Lufkin, W. F. Jones, H. F. Miller, H. L. Clark, C. D. Shillaber.

**Theses.**—Theses are to be written on one side only of paper of good quality 8 by 10½ inches in size, with an inch margin on the inner and one-half inch margin on the outer edges. Theses must be handed in to the Secretary of the Faculty not later than the first annual examination.

## NOTICES.

**Technique '08.**—There will be a meeting of the Board in the Trophy Room, Rogers, Tuesday, at 5 P.M.

**Physical Exam.**—All students who took a physical examination in the fall are requested to make an appointment for a second examination, if they have not already done so, as soon as possible.

## MUSICAL CLUBS DINE.

The Musical Clubs held their annual dinner at the Copley Square Hotel. It was a fitting conclusion for the most successful season the Clubs have ever enjoyed. Almost all the members were present.

After the meal the reports of the managers were read. General Manager Swett, '06, reported that the year had surpassed every other with respect to financial success. Besides the expense of the dinner and the presentation of a handsome shingle to every member of the Clubs, the management was enabled to declare a dividend of \$3.75 per capita. This announcement was received with great applause. Officers for the coming year were elected as follows: Pres., Swett, '06; Vice Pres., Keyes, '07; Sec., Fales, '07; Gen. Mgr., Gardner, '08; Glee Club, Keyes, '07, Leader; Jenkins, '09, Mgr.; Banjo Club, Fales, '07, Leader, Gerrish, '08, Mgr.; Mandolin Club, Thompson, '08, Leader, Scharff, '09, Mgr.

# The Tech

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### Editorial Staff.

W. H. TRASK, 1906, Editor-in-Chief  
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G. S. WITMER, 1908

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### Business Staff.

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Editor-in-Chief.....8.30-9 Daily  
Business Manager.....8.30-9 Daily  
Managing Editor, News Bureau.....8.30-9 Daily  
Editor-in-Charge, News Bureau.....4-5 Daily

Contributions are requested from all undergraduates, alumni and officers of instruction. No anonymous manuscript can be accepted. All communications regarding subscriptions or advertisements, should be addressed to the Business Manager.

Subscription - \$1.50 per year in advance.  
Single Copies 3 Cents.

In charge of this issue: W. F. DOLKE, '08.

Monday, May 14, 1906.

Harvard has decided to foster football again. What will Yale do with Harvard's Foster?

Although the first Dual Track Meet that Technology has ever held with Williams College was not a

victory, it was a very satisfactory meet in every other respect. The track team did its best, and

while its best was not quite enough for a victory—probably due more to an unfortunate accident than anything else—it was enough to encourage the track and field men and and to show that Technology has a most excellent prospect for next Saturday's Intercollegiate Meet.

The quarter-mile dash was perhaps the greatest surprise of the meet, and Tech's victory in this event, coupled with the running that the three Institute men did, gave rise to a well founded belief that Tech would win. Eaton's magnificent attempt to win the final heat of the 220 yard hurdles and thus to give his team the victory deserves the heartiest praise of every Tech man. But for his unfortunate stumble at his third hurdle, he would undoubtedly have won his race, as he was ahead at the time and running excellently.

Died, Tuesday, May 8, at his mother's home, Newbury Street, Malcolm Macleod, formerly a member of the Class of 1907. MacLeod, while at Technology, was a member of his class football team, and a Business Manager of THE TECH. He left here last year and went to Harvard University where he was a member of the second varsity football team.

### WILLIAMS WINS CLOSE MEET.

(Continued from page 1.)

easily won the hammer throw, coming within three feet of his record. Flagg, '09, took third place, with La Mont of Williams only a few feet ahead of him.

The two-mile run was a fast race with Callaway setting the pace most of the way. Bonner of Williams stayed right with him and proved to have the better endurance, for by a good sprint at the end he won out.

The 220-yard dash was Tech's event, Williams easily getting first place, while Todd lost second place by only a few inches, Clark, the only Williams man in the final, beating him out.

The high jump was an interesting contest between Farrington and Horrax, the former finally succeeding in winning with the bar at 5 feet 9 3-4 inches. In the broad jump Brown did some pretty jumping, easily capturing first place by a jump of 20 feet 11 3-4 inches, with Horrax second and Eaton third. Horrax also excelled in the pole vault leaving second place tied between Orr and Farrington.

100-yard dash—1st heat, won by Richards, T.; 2d, Cowperthwaite, W. Time, 10 2-5 sec. 2d heat, won by Williams, T.; 2d, Todd, T.; Time, 10 4-5 sec. Final heat, won by Richards, T.; 2d, Williams, T.; 3d, Cowperthwaite, W. Time, 10 2-5 sec.

1-mile run—Won by Buckingham, T.; 2d, Allen, W.; 3d, Wilder, W. Time, 4 min. 44 3-5 sec.

440-yard run—Won by Howe, T.; 2d, Blackburn, T.; 3d, Gould, T. Time, 54 4-5 sec.

120-yard high hurdles—1st heat, won by Griswold, W.; 2d, Rapelye, T. Time, 17 1-5 sec. 2d heat, won by Horrax, W.; 2d, Eaton, T. Time, 17 2-5 sec. Final heat, won by Griswold, W.; 2d, Horrax, W.; 3d, Eaton, T. Time, 16 3-5 sec.

High jump—Won by Farrington, T., height, 5 ft. 9 3-4 in. 2d, Horrax, W., 5 ft. 7 1-2 in. 3d, tie between A. Brown, M. Brown, W. and Rapelye, T., 5 ft. 6 1-2 in.

Shot put—Won by Marshall, W., distance, 39 ft. 8 in.; 2d, Polhemus, T., 37 ft. 11 in. 3d, Harvey, T., 35 ft. 2 in.

Running broad jump—Won by Brown, W., distance, 20 ft. 11 3-4 in. 2d, Horrax, W., 20 ft. 5 3-4 in. 3d, Eaton, T., 20 ft. 4 in.

16-lb. hammer throw—Won by Knapp, T., distance, 123 7-10 ft. 2d, LaMont, W., 107 9-10 ft. 3d, Flagg, 101 9-10 ft.

Pole vault—Won by Horrax, W., height, 10 ft. 6 in. 2d, tie between Farrington and Orr, T., 10 ft.

220-yard dash—1st heat, won by Todd, T.; 2d, Williams, T. Time, 24 1-5 sec. 2d heat, won by Richards, T.; 2d, Clark, W. Time, 24 1-5 sec. Final heat, won

(Continued on page 5.)

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# '08 WINS FIRST GAME.

Make Six Runs in Second Inning and a Slow Game Follows.

The Sophomores won the first of the series of class championship games from the Freshmen Friday at the Field, 8 to 5. At the end of the first inning it looked as if the Freshmen were all to the good, but they went to pieces in the second, with the result that six Sophomores made the round trip. 1908 made a run in each of the two following innings and then apparently did not try to put any more men across the plate. The Freshmen had the greater number of hits but they were scattered out so they did not count for much. Bridgman let up in the eighth and 1909 made three runs but failed to rally again in the ninth. The line-up follows:

1908.	A.B.	B.	P.O.	A.	E.
Boylston 1b.	3	1	3	0	0
Williams c.	4	2	12	2	0
Ford 3b.	2	0	1	0	0
Barton s.s.	3	2	4	2	1
Heilman r.f.	3	0	3	0	1
Pierce l.f.	4	3	2	0	0
Daley c.f.	1	0	1	0	1
Standley 2b.	2	0	0	0	0
Bridgman p.	1	0	0	2	0
Plummer 2b. & s.s.	1	0	0	0	1
Schneider c.f. & 2b.	2	0	1	0	1

Totals 26 8 27 6 5

1909.	A.B.	B.	P.O.	A.	E.
Shea 2b.	4	1	1	3	3
Landis 3b.	2	1	1	3	1
Applin s.s.	5	1	5	1	1
Wentworth 1b.	5	3	10	1	2
Nichols c.	4	2	6	3	1
Kelly r.f.	4	2	0	0	1
Perry l.f.	5	2	1	0	0
Heard c.f.	3	0	0	0	0
Sherman p.	3	0	0	0	1

Totals 35 12 24 11 10

Innings	1	2	3	4	5	6	7	8	9
1908	0	6	1	1	0	0	0	0	x-8
1909	1	0	0	0	1	0	0	3	0-5

Runs—Perry 2, Barton, Pierce 2, Standley, Bridgman, Boylston, Ford 2, Shea 2, Kelly. Two-base hits—Wentworth, Nichols, Kelly. Three-base hits—Barton. Sacrifice hits—Daley. Stolen bases—Barton, Pierce, Nichols, Perry, Williams 2, Kelly. First base on balls—Bridgman 9, Sherman 4. First base on errors—1908 3, 1909 1. Struck out—Bridgman 16, Sherman 4. Passed balls—Nichols. Hit by pitched ball—Daley. Umpire—A. K. Tylee, '07.

## CATHOLICS ORGANIZE.

An organization of Catholic clergy-men which may be expected to have influence with a large number of young college men in different parts of the country has just been formed, and will be known as the American Federation of Spiritual Directors of College Catholic Clubs.

As the name signifies, the membership will consist of priests who have in their charge the religious work of the various Catholic clubs at non-sectarian colleges throughout the United States and Canada.

The Catholic students at these schools have themselves realized the need of keeping in close touch with the church and her instructors, and so within recent years clubs have been organized among them for religious and social purposes. Among the colleges in the United States with such organizations are Harvard, Yale, Brown, Dartmouth, Columbia, University of California, University of Georgia, University of Pennsylvania and the Massachusetts Institute of Technology. The Columbian Club is an organization of a similar nature in Canada, being composed of students who are in attendance at the various universities in Montreal.

# LITTLE REGRET.

Quakers Not Very Sorry Over Break with Harvard in Football

Alumni feeling on the break between Harvard and Pennsylvania is displayed, as far as Pennsylvania is concerned, by an editorial in Old Penn., the alumni magazine, in its latest issue. The Quakers evidently do not much regret the dropping of the crimson and the idea expressed is that it is better not to play Harvard than to meet under the conditions which governed the games of the past few seasons. The editorial says:

"The passing of the Harvard football game will be viewed by the vast majority of Pennsylvania men without emotion. For several years the deliberate efforts on the part of unfriendly influences to create mischief between Harvard and Pennsylvania have been clearly apparent. After last season, when Pennsylvania firmly and unequivocally refused to toady to Harvard's coquet-

# ARCHITECTS START FUND.

Society Lays Aside \$200 as a Starter to Help Needy Students.

The Architectural Society has laid aside \$200 as the basis of a scholarship fund which is intended to give aid to needy and worthy students of the Department of Architecture. The fund is placed in the hands of three trustees, Prof. F. W. Chandler, Prof. W. H. Lawrence, and Bursar F. H. Rand, who were appointed by President Naramore, '07.

The net proceeds of the *Architectural Annual*, and of any other publication of the Society, are to be added annually to the fund until it reaches \$1000, when it will be handed to the treasurer of the Institute in trust. The income is to be given to such needy students as the trustees believe worthy of receiving aid.

Circulars, setting forth the founding of the Fund and its object, are to be sent to all the alumni of the department and to the resident architects of Boston, requesting their aid

# INSPECTS LIGHTING SYSTEM.

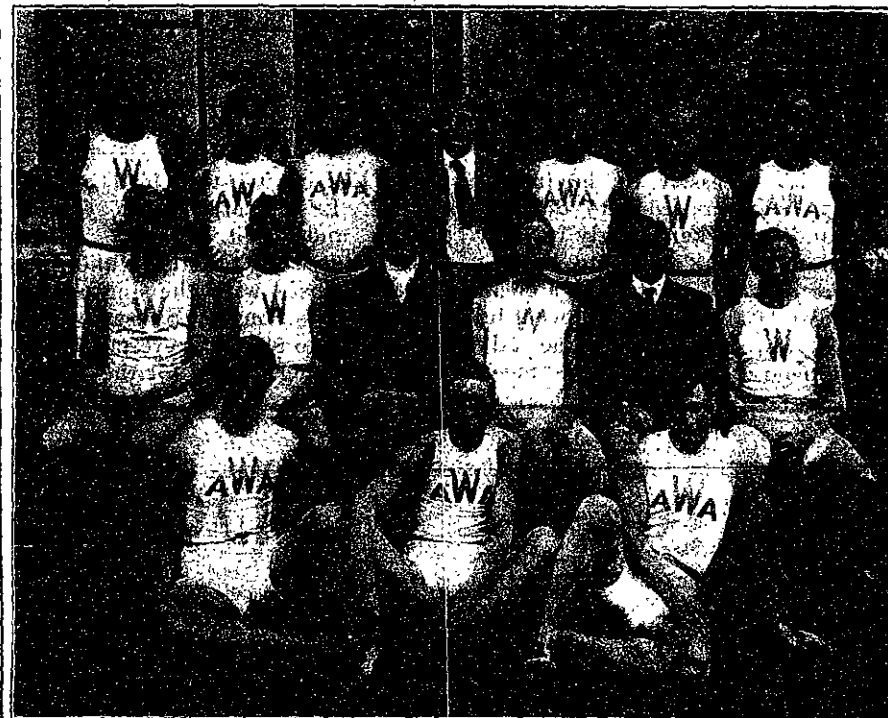
Professor Clifford Investigates Advantages of Moore Vacuum Tube.

Professor Clifford of the Electrical Engineering Department on a recent trip to New York took the opportunity to inspect the Moore Vacuum Tube Lighting system installed in various places there. The vacuum tube light, contrary to the idea held by many people, is not the same as the mercury vapor light. A glass tube with high vacuum containing a small quantity of a non-metallic gas and a small terminal box securely enclosing both ends of the tube with a potential raising transformer is the necessary apparatus. The light is due to the conduction of a small current of electricity through the tube by the gas. The size of the tubes can be varied in diameter from a fraction of an inch to several inches and they can be made hundreds of feet in length. They can be put together in any shape desired and made to conform to any style of architecture. Consequently this kind of light is applicable where incandescent lights are now used for lighting large areas. In an average store the installation consists of a continuous glass tube supported by simple fixtures on the four walls or ceiling at about the height of the picture moulding, and therefore out of the direct line of vision.

D. McFarlan Moore has been investigating this subject for twelve years, and within the last few months this system of lighting has been put into commercial use in many establishments. The advantages of the vacuum light are many. The ordinary alternating current from the street mains now used for incandescent lamps may be used, or when a direct current is the source a dynamotor is utilized. The cost of installation and operation depends upon the circumstances, but is less than the cost of a first class incandescent lighting system with its necessary wiring. The cost of maintenance is practically negligible as the life of the tubes is practically unlimited. The efficiency is about 1.3 watts per candle under good conditions, while that of the new high efficiency General Electric lamp is 2.5 watts per candle. The light requires no other attention than closing the switch when the light is desired. Its safety is apparent, for it eliminates a great deal of the dangerous wiring now used. The color can be made anything desired from a perfect duplication of average natural light to special tints, according to the spectrum of the gas used. Another distinct advantage is the more perfect diffusion gained from the continuous line of light.

## ALUMNUS ADDRESSES CIVILS

Mr. Frank W. Hodgdon, '76, Chief of the Massachusetts Land and Harbor Commission, gave a very interesting talk at the Civil Engineering Society's smoker last Friday evening at the Union. He told of the Commission's work on the harbors and channels along the Massachusetts coast, and gave a number of stereoptican views on the subject. He also spoke of the reclamation of land in and about Boston, and told how the Back Bay district was built up. After Mr. Hodgdon's talk, refreshments were served.



WILLIAMS TRACK TEAM.

ries, some such action from Harvard has been not unexpected.

"In a broad sense, it is a pity that relations, which continued amiable between these old-time friends many years, should be disturbed, and yet it is infinitely better never to play Harvard again than to ever play her again subject to any further calumny and abuse. There may be regret at the passing of Harvard, for at Penn. the spirit is big enough to be friendly with all and at war with none. That is the principal reason why there may be regret."

## CHRISTIAN ASSOCIATION

Professor Robert H. Richards gave an interesting address to the Christian Association in the Parish Hall Thursday. He spoke of his experiences in summer school work on the island of New Britain and other places in Canada, in view of showing how an engineer of the right stamp can, by furnishing wholesome surroundings and amusements, crowd out the baser desires of man and change a mining district from a godless waste into a law-abiding and thrifty settlement.

in building it up. The Society is also contemplating changing its *Annual* to a magazine to be published every two months, containing cuts of the current work of the Department, together with criticisms of the work, articles by the professors and alumni, and a department for the alumni, with cuts of work being done by the alumni.

## INSTRUCTORS STUDY ENGINE.

The members of the Instructing Staff of the Department of Electrical Engineering are making a study of an internal combustion engine with particular reference to its use in automobiles. Their intention is to find the relation between the power of the engine and the character of the spark used to ignite the gas.

## THE TECHNOLOGY FUND.

The Technology Fund Committee report that the amount subscribed now exceeds a quarter of a million dollars. It is expected that the work of the Committee will cease in June and every effort is being made to make as good a showing as possible on Commencement Day.

#### WALKER CLUB DINES.

The Walker Club held a dinner on Thursday, May 10, at 6.30 p.m., at the Technology Club. After the dinner a business meeting was held and the following men were elected officers for the ensuing year: President, D. G. Robbins, '07; Sec'y-Treas., B. L. Gimson, '08. The following new members were also elected to the club: H. Webb, '08, M. E. Denny, '08, and F. H. Rand and S. W. Litchfield were elected Honorary Members.

Professor Bates addressed the club, taking as his subject "An Avocation." He emphasized the need of every man having an avocation as opposed to his vocation, and explained the difference between the two. A vocation is a man's life work or business, which he pursues to keep body and soul together, while his avocation is a hobby of some kind to which he can turn for relaxation, out of which he gets no material benefit except amusement or instruction. Prof. Bates said his avocation was the collecting of Indian bone implements, which he gets along the coast between Boston and Maine. His collection is probably one of the finest of its kind in the world.

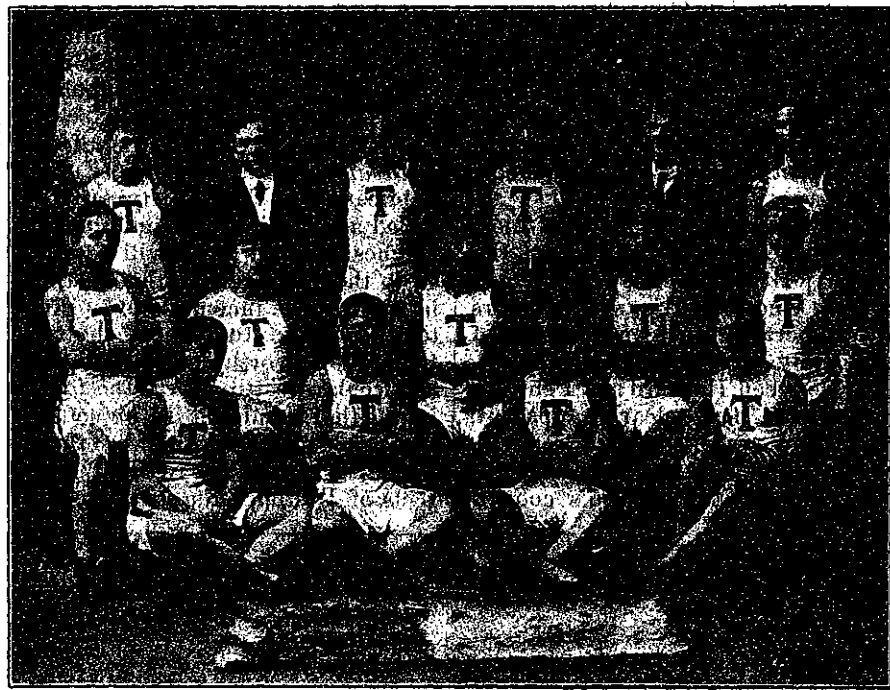
#### ENTHUSIASTIC MEETING.

The mass meeting held in Huntington Hall last Friday at 1.30 p.m. was poorly attended, but the enthusiasm of those present helped to make up for the deficiency in numbers. The meeting was called for the practice in cheering and songs for the dual meet. M. A. Coe '06

presided, and Mr. Samuel Cabot and Knapp gave talks, while Bursar Rand was present on the stage.

Mr. Cabot is an alumnus, besides being a member of the Corporation, and he gave some interesting accounts of football and baseball, back in the sixties when he and Professor Richards opposed each other. He

He said that the track men had been working hard, and the probable closeness of the meet made it necessary for support. He mentioned the fact that so few men showed sufficient interest to come out to the spring meet, and such neglect was not fair to the man who goes out and works for the team.



TECHNOLOGY TRACK TEAM.

urged the necessity of having a healthy body in order to do good work and he spoke strongly in favor of athletics at the Institute, saying that the athletics must be of a clean sort. Mr. Cabot was followed by Capt. Knapp, who gave a fine talk on the need of support at the meet.

Mr. Leavell, '07, then lead cheers for M. I. T., Mr. Cabot, Coach Mahan and Capt. Knapp. Then some songs were practised and the meeting closed with the singing of the Stein Song. Subscriptions amounting to \$29.00 were taken up towards hiring a band for the meet.

#### AT THE THEATRES.

##### Majestic Theatre.

In the forthcoming engagement of Margaret Anglin in "Zira" at the Majestic Theatre beginning this evening, Boston people are to be afforded the pleasure of seeing the most talked-of straight dramatic amusement of the present day. Miss Anglin and "Zira" held forth at the fashionable Princess Theatre in New York for over three months. "Zira" became famous in a single night, and the beautiful play and the beautiful player proved a Broadway sensation. The New York reviewers actually credited Miss Anglin with the finest piece of emotional acting seen in years.

##### Tremont Theatre.

"The Stolen Story," with its absorbing plot and fine cast, made an instant impression at the Tremont and is another instance of Mr. Savage's sagacity and liberality as a producer. George Marion, his general stage director, also comes in for his usual praise. The play has a distinct novelty in theme and brings a new element of life before the public. Never before have newspaper people and their surroundings been pictured as they are. The final scene, showing Billy Woods turning out his stolen story, is most vivid and has the tenseness of William Gillette's earlier plays. This scene is carried through at a swift pace by Jameson Lee Finney and Edwin Holt, both admirable actors, and has as a background the confusion and bustle of a great newspaper office in the early morning.

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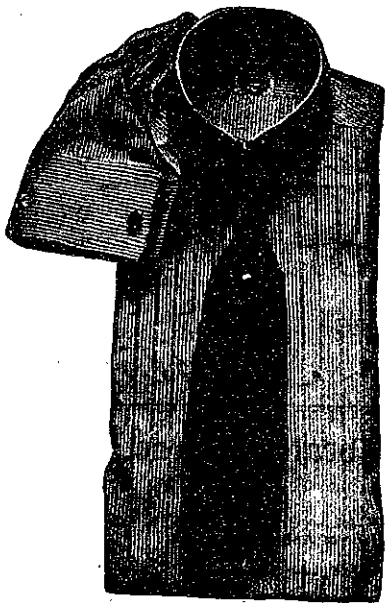


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### WILLIAMS WINS CLOSE MEET. (Continued from page 2.)

by Williams, T.; 2d, Clark, W.; 3d, Todd, T. Time, 23 4-5 sec.  
220-yard hurdles—1st heat, won by Griswold, W.; 2d, Horrax, W. Time, 28 3-5 sec. 2d heat, won by Eaton, T.; 2d, Brown, W. Time, 28 sec. Final heat, won by Griswold, W.; 2d, Brown, W.; 3d, Horrax, W. Time, 28 sec.  
Discus throw—won by LaMont, W., 103 ft. 1 1-2 in.; 2d, Bowker, W., 95 ft. 3 in.; 3d, Harvey, T., 94 ft. 5 in.

EVENTS.	WILLIAMS.	M. I. T.
100-yard Dash	1	8
One Mile Run	4	5
120-yard Hurdle	8	1
440-yard Run	0	9
880-yard Run	3	6
220-yard Dash	3	6
220-yard Hurdle	9	0
2 Mile Run	6	3
High Jump	3 3/4	5 1/2
Shot Put	5	4
Broad Jump	8	1
Hammer Throw	3	6
Pole Vault	5	4
Discus Throw	8	1

Total 66 1/2 59 1/2

Referee, Ellery C. Clarke, B. A. A.; judges at finish, Charles S. Seeley, Williams; John L. Behneke, B. A. A., and John A. Rockwell, M. I. T.; field judges, P. R. Peters, B. A. A.; W. C. Towne, Bowdoin; R. H. Franklin, M. I. T.; J. D. Delaney, Georgetown; clerk of course, H. W. Hoole, M. I. T.; clerk of field, J. F. Simpson, M. I. T.; assistant clerk of field, John Tobin, M. I. T.; scorers, George B. Billings, B. A. A.; George B. Brown, B. A. A.; timers, Fred M. Woods, B. A. A.; H. V. von Schuckman, M. I. T.; A. J. Lill, A. A. U.; inspectors, S. H. Barker, M. I. T.; M. T. Lightner, M. I. T.; John L. Batchellor, B. A. A.; James O'Connell, Harvard; M. A. Hinman, Williams; H. B. Trumbell, Williams; Stephen Corey, M. I. T.; O. M. Striker, M. I. T.; announcer, G. H. Henderson, M. I. T.; starter, Hugh McGrath; manager, Lawrence Allen, M. I. T.

### GOES ON EXPEDITION. (Continued from page 1.)

at the Grand Canon of Colorado, then go south to the Utah line, cross the Colorado river, turn west and south over the Kaibab Plateau, reaching the Grand Canon a second time at Point Sublime. From there the expedition will go to southern Utah to study the southern terraces of the High Plateaus, after which it will investigate the ancient volcanoes and lava cataracts of the Ninkaret Mountains, reaching the Grand Canon a third time at the mouth of the Toroweap valley. From there the course will be northward along the great Hurricane Fault to Toquerville in southwestern Utah, and along the edge of the Great Basin, where the party will study the black mountains, deserts, ancient lake terraces and fault scarps of the region.

From that point a short trip will be made eastward into the Ninta Mountains to study their stratigraphy and glacial cirques. The northward course will then be resumed through Idaho, where study will be made of the lava plateaus.

### READING NOTICE.

Lost. — A Mechanism Book. Finder please return to Wm. B. Given, Jr., Cage.

Lost. — The man who took an umbrella with a brownish-white handle from 11 Eng. B, last Monday, will please leave the same at the Cage for Maurice E. Allen, '08.

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